

Converting Colors

YUV(87.3120, 7.2412, 57.6084)

Have a look what the booklet for
YUV(87.3120, 7.2412, 57.6084)
contains.

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Color

**YUV(87.3120, 7.2412,
57.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	993366
RGB	153, 51, 102
RGB Percent	60%, 20%, 40%
CMY	0.4000, 0.8000, 0.6000
CMYK	0.00, 0.67, 0.33, 0.40
HSL	330°, 50%, 40%
HSV	330°, 67%, 60%
XYZ	16.7190, 10.0993, 13.6385
YIQ	87.3120, 44.4210, 37.4850

Conversions

Conversions Part 2

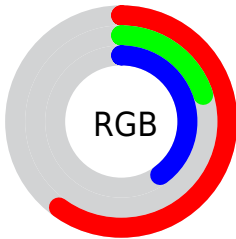
Format	Color
R_{YB}	153, 51, 102
Decimal	10040166
CIE _{Lab}	38.02, 47.31, -6.93
CIE _{LCh}	38, 47.812, 351.665
Yxy	10.0993, 0.4133, 0.2496
Android (android.graphics.Color)	4288230246 (0xFF993366)
YUV	87.3120, 7.2412, 57.6084
Hunter-Lab	31.7793, 38.2942, -3.1996

Details

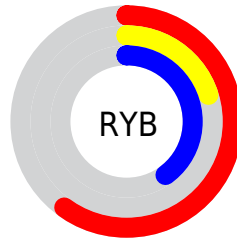
The YUV color **87.3120, 7.2412, 57.6084** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **116.6880, -7.2412, -57.6084**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2800, 5.7780, 60.2674**, and **35.5720, 9.5780, 54.7494** is the 20% darker color. If you saturate the color by 10%, you get **77.5950, 8.0877, 66.1302**, and if you desaturate by 10%, it is **97.0290, 6.3947, 49.0866**.

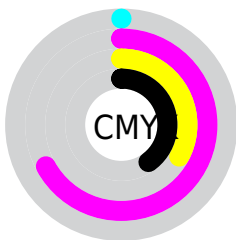
Distribution



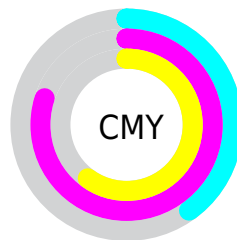
- Red (60%)
- Green (20%)
- Blue (40%)



- Red (60%)
- Yellow (20%)
- Blue (40%)



- Cyan (0%)
- Magenta (67%)
- Yellow (33%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3120, 7.2412, 57.6084 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 87.3120, 7.2412, 57.6084 by changing the saturation by 10% instead.

87.3120, 7.2412,
57.6084

87.3120, 7.2412,
57.6084

255.0000, 0.0000,
0.0000

58.5940, 9.5672,
58.2381

141.2800, 5.7780,
60.2674

35.5720, 9.5780,
54.7494

169.1770, 5.3357,
62.1118

25.1050, 4.3852,
40.2499

192.5890, 7.1046,
54.7344

15.4920, -2.7076,
28.5095

212.2170, 11.2320,
37.5207

0.0000, 0.0000,
0.0000

231.5200, 11.5756,
20.5920

248.5430, 3.1833,

5.6628

■ 87.3120, 7.2412,
57.6084

■ 87.3120, 7.2412,
57.6084

■ 77.5950, 8.0877,
66.1302

■ 97.0290, 6.3947,
49.0866

■ 67.4050, 9.6603,
75.0668

■ 107.2190, 4.8220,
40.1499

■ 57.6880, 10.5068,
83.5886

■ 116.9360, 3.9756,
31.6281

■ 54.5250, 11.0802,
86.3626

■ 126.6530, 3.1291,
23.1063

■ 136.8430, 1.5564,
14.1697

■ 146.5600, 0.7099,
5.6479

■ 156.2770, -0.1366,
-2.8739

■ 165.8800, -1.4198,
-11.2958

■ 176.1840, -2.5557,
-20.3324

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8490, 22.7524, 29.0734



87.3120, 7.2412, 57.6084



84.9480, -10.8204, 64.0666

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3120, 7.2412, 57.6084



80.6850, -39.2847, 0.2763



78.7350, 35.1336, -69.0506

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.3120, 7.2412, 57.6084



116.6880, -7.2412, -57.6084

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1470, 20.1405, -66.7809



87.3120, 7.2412, 57.6084



72.8660, -17.1889, -40.2245

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3120, 7.2412, 57.6084



84.2910, -41.5555, 28.6858



71.5870, 2.6686, -62.7818



75.8630, 44.4375, -66.5319

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3120, 7.2412, 57.6084



85.8040, -22.5814, 56.2999



71.5870, 2.6686, -62.7818



78.1820, 30.4763, -68.5656

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.3120, 7.2412, 57.6084



173.2400, 2.8397, 22.5915



77.8770, 37.0356, 21.1559



84.2450, 1.8512, 12.9401



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3120, 7.2412, 57.6084



96.5470, 11.0693, 89.8513



81.4980, -15.0355, 62.7073



71.8480, 0.5679, 4.5183



49.8400, 9.9389, 79.0703



4.5710, 0.7045, 7.3922

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



87.3120, 7.2412, 57.6084



96.5470, 11.0693, 89.8513



122.5020, 15.0355, -62.7073



71.8480, 0.5679, 4.5183



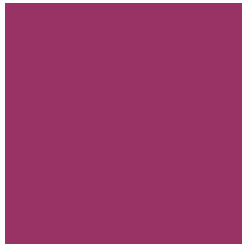
49.8400, 9.9389, 79.0703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 87.3120, 7.2412, 57.6084 looks on a white background.

Color Contrast Check

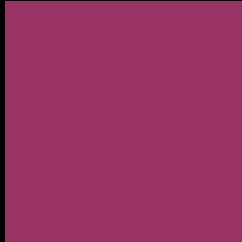
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 87.3120, 7.2412, 57.6084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

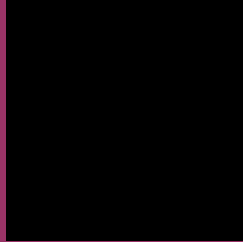
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.3120, 7.2412, 57.6084

Background



This preview shows how black text looks on a background with the YUV color 87.3120, 7.2412, 57.6084.



This preview shows how white text looks on a background with the YUV color 87.3120, 7.2412, 57.6084.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.3120, 7.2412, 57.6084

Protanopia

90.1570, 18.6566, -10.6617

Deuteranopia

91.4180, 2.7519, 4.0184



Tritanopia

87.3660, -11.5194, 54.9300

Trichromacy



Original Color

87.3120, 7.2412, 57.6084

Protanomaly

88.9860, 14.7969, 14.0443

Deuteranomaly

90.2940, 4.2921, 23.4212

Tritanomaly

87.5000, -4.6835, 55.6895

Monochromacy



Original Color

87.3120, 7.2412, 57.6084

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1150, 2.4083, 20.9471

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3120, 7.2412, 57.6084 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 51, 102)` looks like.

```
.text, #text, p{  
    color:rgb(153, 51, 102)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 51, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 51, 102) }
```

Border

The CSS property to change the border of an element to YUV 87.3120, 7.2412, 57.6084 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 51, 102) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(153, 51, 102) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(153, 51, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 51, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 51, 102);  
box-shadow:4px 4px 4px 4px rgb(153, 51,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 87.3120, 7.2412, 57.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 51, 102) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153, 51,  
102) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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